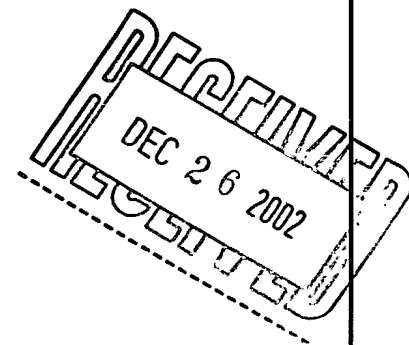


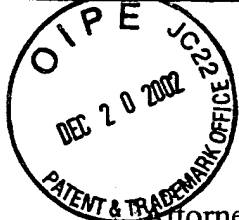


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| TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT<br>(Under 37 CFR 1.97(b) or 1.97(c))   |                             |                     | Docket No.<br>141/02527 |
|--|-----------------------------|---------------------|-------------------------|
| In Re Application Of: <b>David MENDLOVIC, et al.</b>   |                             |                     |                         |
| Serial No.<br>10/030,460   | Filing Date<br>May 28, 2002 | Examiner<br>Unknown | Group Art Unit<br>2874  |
| Title: <b>OPTICAL LINEAR PROCESSOR</b>   |                             |                     |                         |
| <p style="text-align: center;">Address to:<br/><b>Assistant Commissioner for Patents<br/>Washington, D.C. 20231</b></p> <p style="text-align: center;"><b>37 CFR 1.97(b)</b></p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;"><b>37 CFR 1.97(c)</b></p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="padding-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center;"><b>OR</b></p> <p style="padding-left: 40px;"><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p> |                             |                     |                         |

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Attorney Docket: 501010.20558  
Today's Date: December 17, 2002  
Serial No. 10/030,460  
Filing Date: May 28, 2002  
For: OPTICAL LINEAR PROCESSOR

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## FIRST CLASS MAILING CERTIFICATE

### FIRST CLASS MAIL

**Deposited: December 17, 2002**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

William H. Dippert  
Registration No. 26,723

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

With regard to the application of: David MENDLOVIC, et al.

Serial No : 10/030,460

Group Art Unit: 2874

Filing Date : May 28, 2002

Examiner: Unknown

For : OPTICAL LINEAR PROCESSOR

**INFORMATION DISCLOSURE STATEMENT**

Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

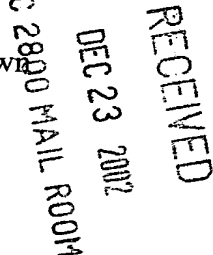
The present application is a U.S. national phase of PCT Application No. PCT/IL01/00398, filed May 3, 2001.

Applicants respectfully direct the attention of the Examiner to art cited with respect to the aforementioned applications. The Examiner is respectfully requested to review and consider this art, in accordance with MPEP 2001.06, MPEP 1893.03(e) and MPEP 1893.03(g) and to indicate in the first office action that he has considered this art. Additionally, the Examiner is respectfully requested to cite those prior art publications mentioned in this application which the Examiner considers to be material or relevant to the present claims.

Further, in order to comply with discretionary regulations 37 C.F.R. §1.97 and §1.98, attached is Form PTO-1449 listing the cited art. Also attached are copies<sup>1</sup> of the art. This art contains information which the Examiner may consider to be important in deciding whether to allow the present application to issue as a patent. Applicants wish to point out that item 4 was cited on the PCT International Search Report. A copy of this item is not attached, as it is available in the national stage file.

In accordance with MPEP Section 609 it is requested that each document cited (including any mentioned in Applicants' specification which is not repeated on the attached PTO-1449 form) be given thorough consideration and be cited of record in the prosecution

<sup>1</sup> To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the national stage file. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached, it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such an equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited then none is known to the undersigned.




history of the present application by initialing on the PTO-1449 form, so that it will appear on the face of the patent issuing on the present application, even if the Examiner does not consider it sufficiently pertinent to use in a rejection, or otherwise does not believe that the guidelines for citation have been fully complied with.

The present Information Disclosure Statement is being submitted in compliance with 37 C.F.R. §1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 C.F.R. §1.104(a), and in the course of such search will review for relevance every document cited on the attached form.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,  
David MENDLOVIC, et al.

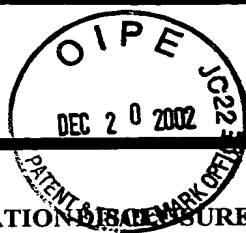


Maier FENSTER,  
Registration No. 41,016

December 12, 2002

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Tel: (212) 521-5400



**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)  
**141/02527**

Application Number  
**10/030,460**

Applicant(s)  
**David MENDLOVIC, et al.**

Filing Date  
**May 28, 2002**

Group Art Unit  
**2874**

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE       | NAME                | CLASS | SUBCLASS          | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|------------|---------------------|-------|-------------------|-------------------------------|
|                      | 1   | 6,025,950       | 15 Feb '00 | TAYEBATI, P. et al. |       | TC 2800 MAIL ROOM | RECEIVED<br>DEC 23 2002       |
|                      | 2   | 5,675,670       | 07 Oct '97 | KOIDE, K.           |       |                   |                               |
|                      | 3   | 5,537,492       | 16 Jul '96 | NAKAJIMA, T. et al. |       |                   |                               |
|                      |     |                 |            |                     |       |                   |                               |
|                      |     |                 |            |                     |       |                   |                               |
|                      |     |                 |            |                     |       |                   |                               |
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|                      |     |                 |            |                     |       |                   |                               |
|                      |     |                 |            |                     |       |                   |                               |
|                      |     |                 |            |                     |       |                   |                               |

**FOREIGN PATENT DOCUMENTS**

|  | REF | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----|-----------------|------------|---------|-------|----------|-------------|----|
|  |     |                 |            |         |       |          | YES         | NO |
|  | 4   | EP 0 547 594    | 23 Jun '93 | Europe  |       |          |             |    |
|  |     |                 |            |         |       |          |             |    |
|  |     |                 |            |         |       |          |             |    |
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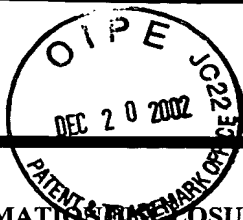
**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |  |
|--|---|--|
|  | 5 | FEITELSON, D.; "Optical Computing;" Chapter "Optical Image and Signal Processing;" MIT Press 1988; pages 102-104 and 117-129 |
|  | 6 | REINHORN, S. et al.; "Compact Optical Crossbar Switch;" 10 February 1997; Applied Optics; Vol. 36; No. 5; pp. 1039-1044      |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



## INFORMATIONAL CLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

141/02527

Application Number

10/030,460

Applicant(s)

David MENDLOVIC, et al.

Filing Date

May 28, 2002

Group Art Unit

2874

\*EXAMINER  
INITIAL

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- |    |  |
|----|--|
| 7  | TEIJIDO, J. M. et al.; "Design Methods for Illumination Light Pipes;" intended for publication in: Illumination and Source Engineering, Proceeding of SPIE; Vol. 3428; 1998; pp. 1-6   |
| 8  | TEIJIDO, J. M. et al.; "Illumination Light Pipe Using Micro-Optics as Diffuser;" 1996; Proceedings Europto series, Holographic and Diffractive Techniques, SPIE 2951; pp. 146-155  |
| 9  | TEIJIDO, J. M. et al.; "Design of a Non-Conventional Illumination System Using a Scattering Light Pipe;" 1996; Design and Engineering of Optical Systems, Proceedings Europto series, SPIE 2774; pp. 747-756                   |
| 10 | SCHMID, V. et al.; "Microlens Array Processor with Programmable Weight Mask and Direct Optical Input;" April 1999; Part of the SPIE Conference on Optical Pattern Recognition, SPIE; Vol. 3715; pp. 175-184                    |
| 11 | KIRK, A. G. et al.; "Experimental Implementation of an Optoelectronic Matrix-Matrix Multiplier which Incorporates Holographic Multiple Imaging;" December 1992; Optical Computing and Processing; Vol. 2; No. 4; pages 293-304 |
| 12 | YATAGAI, T.; "Optical Computing in Japan;" October 1998; Future Generation Computer Systems; Vol. 4; No. 3; pages 177-187; XP111373  |
| 13 | WONG, K. W. et al.; "Optical Cosine Transform Using Microlens Array and Phase-Conjugate Mirror;" May 1992; Japanese Journal of Applied Physics; Vol. 31; pages 1672-1676   |
| 14 | GOUTIN, P. et al.; "Some New Results in Hybrid Acousto-Optic Processing;" October 1992; Proceedings of the IEEE Ultrasonics Symposium; Vol. 1; pages 493-496   |

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